

CHARGE TRANSFER-PROMOTING MATERIALS AND ELECTRONIC
DEVICES INCORPORATING SAME

ABSTRACT OF THE DISCLOSURE

[0115] A charge transfer-promoting material comprises a material having a formula selected from the group consisting of AM , A^nM^{n+} and $\{A-R^3\}^nM^{n+}$; wherein A is a fused ring radical having from 2 to 4 rings, inclusive; crown ethers; cryptands; or macrocyclic polyamines; M is a metal; R^3 is selected from the group consisting of alkoxy silane, carboxylic acid, thiol, amine, phosphine, amide, imine, ester, anhydride, and epoxy, and is covalently attached to A; and n is an integer number selected from the group consisting of 1, 2, and 3. Electronic devices comprise such a charge transfer-promoting material for enhancing the charge injection or transport between an electrode and an electronically active material.